



North Dakota State Water Commission

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MEMORANDUM

TO: Lee Klapprodt, Director of Planning and Education, NDSWC
FROM: Michael S. Noone, Planner III, NDSWC
SUBJECT: Wetland restoration information for the Devils Lake basin
DATE: August 14, 2003

Several agencies have been involved in wetlands restoration, protection, or enhancement in the Devils Lake sub-basin, including the Natural Resource Conservation Service (NRCS,) the North Dakota Natural Resources Trust (NDNRT,) the North Dakota State Water Commission (NDSWC,) and the United States Fish and Wildlife Service (USFWS.)

The following text indicates the information that we have received in 2002, while updating the Devils Lake Basin Water Management Plan. The accuracy of this information is reliant on the accuracy of those sources, which was the agency reporting in each case. Please note, that due to the degree of overlap that sometimes occurs between different programs and agencies, some of these numbers may be incorrect.

Wetlands Project Acreages in the Devils Lake Sub-Basin

NDNRT

Projects Complete: 3,723 Acres

NRCS via the Federal Waterbank Program

Projects Complete: 3,700 Acres

Projects Proposed: 8,250 Acres

USFWS

Lake Alice

Projects Complete: 4,373 Acres

Projects Proposed: 3,342 Acres

Devils Lake Water Management District

Projects Complete: 1,895 Acres

Projects Proposed: 3,342 Acres

Wetland Project Totals*

Projects Complete: 13,691 Acres

Projects Proposed: 13,336 Acres

Project Potential: 27,027 Acres

**Please note, that these acres refer to restored, protected, or enhanced wetland acres. According to the NDNRT, all of their wetland acres are restored. The USFWS, and NRCS have yet to clarify for me exactly how their acreages are broken down*

If you need further clarification on these numbers, please contact Sharon Clancy at NDNRT, Jack Russell at NRCS, or Roger Hollevoet at USFWS.

Wetland Project Storage in the Devils Lake Sub-basin

USFWS Project Estimates

Lake Alice Project

Completed Projects:	3,394 Acre-Feet of Storage
Proposed Projects:	6,489 Acre-Feet of Storage

Devils Lake Water Management District Project

Completed Projects:	5,736 Acre-Feet of Storage
Proposed Projects:	3,224 Acre-Feet of Storage

NDSWC*

ESAP	800 Acre-Feet of Storage
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*While not technically wetland restoration, ESAP (Extended Storage Acreage Program) does pay landowners to store water on their land.

Total Storage

Completed Projects:	9,930 Acre-Feet of Storage
Proposed Projects:	9,713 Acre-Feet of Storage
Total:	19,643 Acre-Feet of Storage

Wetlands Project Costs in the Devils Lake Sub-Basin

NDNRT Wetland Restoration Costs (1995-2002)

CRP Incentive Program

Wetland Incentive:	1,838 Acres	\$79,179 Total Cost
WRP Wetlands:	60 Acres	\$1,800 Total Cost

EIP Program

Wetlands:	1,269 Acres	\$230,152 Total Cost
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ASAP/EIP Program*

Wetlands	198 Acres	\$3,650 Total Cost
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Conservation Agriculture

Wetlands	51 Acres	\$7,901 Total Cost
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NDNRT Grants (1995-2002)**

Lake Alice National Wildlife Refuge (USFWS*)

Wetlands Creation	104 Acres	\$30,000 Total Cost
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ND Dept. of Agriculture Waterbank Program

Wetlands	259 Acres	\$100,000 Total Cost
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NDNRT Property (1995-2002)***

Kenner Marsh Project	\$407,800 (Acquisition and development cost)
Wetland	307 Acres

*It is unknown if any ASAP money from NDNRT has been spent in the NDSWC ESAP program.

**It is unknown if these cost are accounted for in the USFWS numbers following this section.

***It is unknown if the USFWS counts this amount in their total amount spent.

NDSWC

ESAP	800 Acre-Feet	\$12,000 Spent Annually
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USFWS Wetland Restoration Costs (2002)*

Lake Alice	8,027.86 Acres Purchased	\$2,067,184 Total Cost
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*Costs are not broken out in the source report by land cover type. As a result, these are the total costs for the purchase, easement, or lease of all of the land associated with a restored wetland complex.

Total Costs in the Devils Lake Sub-Basin

NDNRT:	3,723 acres	\$452,682 Spent	\$138.31 Spent/Acre
NDSWC	800 acre-feet	\$12,000 Spent Ann.	\$15.00 Spent/Acre-Foot
USFWS	8,027.86 acres	\$2,067,184 Spent	\$257.50 Spent/Acre

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